

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---|------------------|---------|------------------|
| L1 | 36924 | 349\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:02 |
| L2 | 3 | ((("liquid crystal" LC) near6 nematic) with dopant with acrylate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:07 |
| L3 | 1 | ((("liquid crystal" LC) near6 nematic) near6 dopant near6 acrylate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:12 |
| L4 | 7 | electro near6 hydrodynamic near6 convection | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:06 |
| L5 | 4 | ((("liquid crystal" LC) near6 nematic) near6 convect\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:08 |
| L6 | 1 | ((("liquid crystal" LC) near6 nematic) same dopant near6 (polymeriz\$4 near6 precursor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:13 |
| L7 | 1 | ((("liquid crystal" LC) near6 nematic) same dopant same (polymeriz\$4 near6 precursor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:13 |
| L8 | 34 | ((("liquid crystal" LC) near6 nematic) same (dopant or chiral) same (precursor) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:14 |

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| L9 | 20 | 1 and 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:14 |
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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| L4 | 3 | nematic near6 (convection or convective) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:02 |
| L5 | 1 | WO-A-91/11747 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:01 |
| L6 | 11 | nematic with (convection or convective) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:02 |
| L7 | 1 | dopant near6 (octyloxyphenol or "pentyloxybenzoic acid" or "tetrabutyl ammonium bromide" or tetracyanoquinone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:06 |
| L8 | 2 | dopant same (octyloxyphenol or "pentyloxybenzoic acid" or "tetrabutyl ammonium bromide" or tetracyanoquinone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:06 |
| L9 | 1 | dopant with (octyloxyphenol or "pentyloxybenzoic acid" or "tetrabutyl ammonium bromide" or tetracyanoquinone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:06 |
| L10 | 0 | (octyloxyphenol or "pentyloxybenzoic acid" or "tetrabutyl ammonium bromide" or tetracyanoquinone) near6 stabilize | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:06 |
| L11 | 1372 | (octyloxyphenol or "pentyloxybenzoic acid" or "tetrabutyl ammonium bromide" or tetracyanoquinone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:07 |

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|-----|-------|--|---|----|-----|------------------|
| L12 | 17 | 349\$.ccls. and 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:08 |
| S1 | 36924 | 349\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:08 |
| S2 | 26165 | ("liquid crystal" LC) with nematic | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:40 |
| S3 | 1372 | (octyloxyphenol or "pentyloxybenzoic acid" or "tetrabutyl ammonium bromide") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:35 |
| S4 | 1372 | (octyloxyphenol or "pentyloxybenzoic acid" or "tetrabutyl ammonium bromide" or tetracyanoquinone) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:07 |
| S5 | 4 | S2 same S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:38 |
| S6 | 58 | S2 and S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:39 |
| S7 | 9 | S6 and precursor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:39 |

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| S8 | 2 | ((("liquid crystal" LC) with nematic) same dopant same precursor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:41 |
| S9 | 2 | ((("liquid crystal" LC) near6 nematic) same dopant same precursor | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:42 |
| S10 | 10 | ((("liquid crystal" LC) near6 nematic) same dopant same acrylate | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:45 |
| S11 | 3 | ((("liquid crystal" LC) near6 nematic) near6 (rolls or coils) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:45 |
| S12 | 19 | ((("liquid crystal" LC) near6 nematic) same (rolls or coils) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 09:45 |
| S13 | 10 | S1 and S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/08/05 10:00 |